

Overall Diagram for Storage Access Service

FIG. 1

202 User Site	204 Host Port ID	206 LDEV ID	208 Time Zone	210 Access Schedule
A	Port 1	1	GMT-8	Daily, 8AM-10AM
A	Port 2	2	GMT-8	Saturday, 1AM-5AM
A	Port 3	4	GMT-8	All Day

LDEV Access Schedule Management Table

FIG. 2

302 User Site	304 Host Port ID	306 LDEV ID	308 Start Time	310 End Time
A	Port 1	1	01/01/2000 AM08:00	01/01/2000 AM09:45
A	Port 3	4	01/01/2000 AM03:00	01/01/2000 PM03:00
A	Port 3	4	01/02/2000 AM03:00	01/02/2000 PM05:00
A	Port 2	2	01/03/2000 AM01:00	01/03/2000 AM06:00

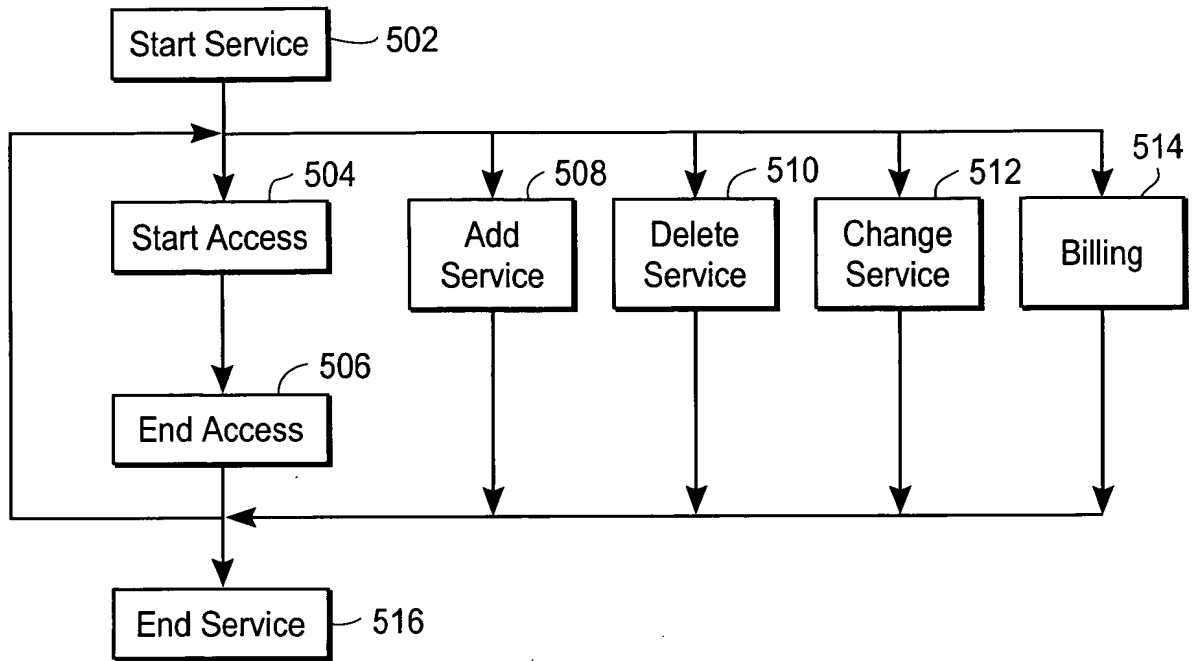
LDEV Access History Table

FIG. 3

402 Time Zone	404 Time and Price List for Storage Access Service			
	0	5 6	11 12	17 18 23
GMT-12	Price D	Price A	Price B	Price C
GMT-11	Price D	Price A	Price B	Price C
GMT	Price A	Price B	Price C	Price D
GMT+11	Price B	Price C	Price D	Price A
GMT+12	Price B	Price C	Price D	Price A

Price List Table

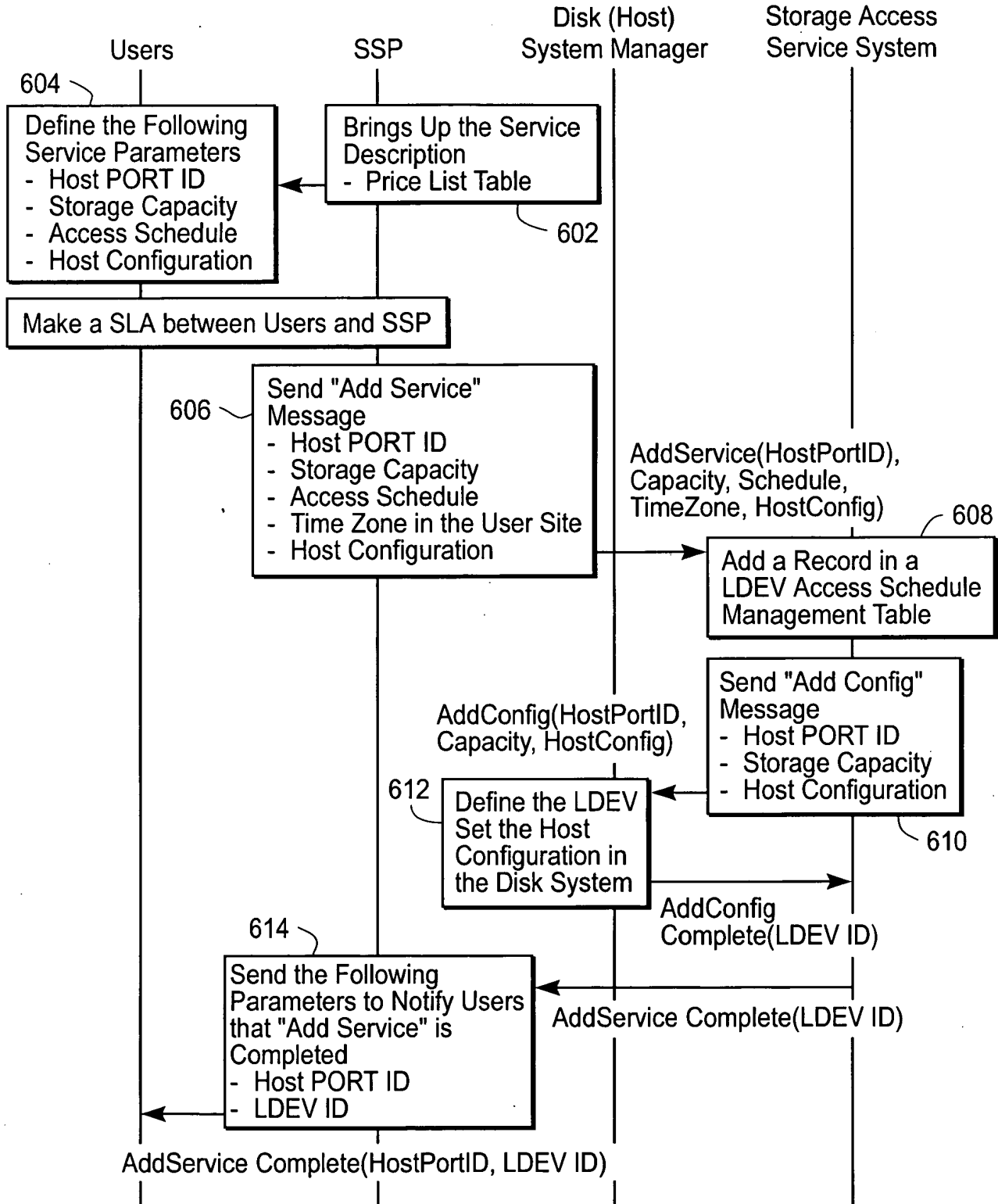
FIG. 4



Storage Access Service Flow

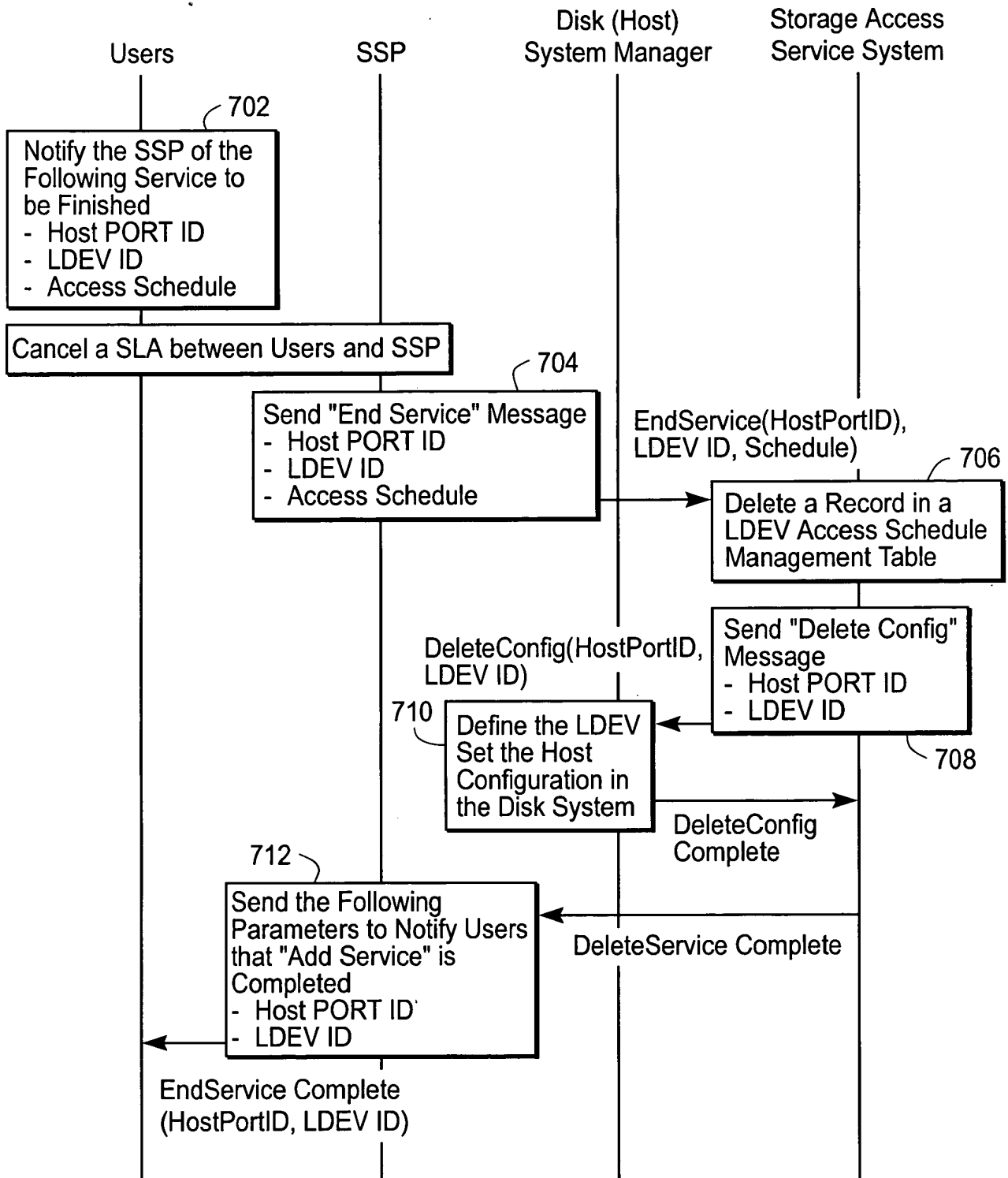
FIG. 5

09/814,423, 06/25/01



"Start Service" Procedure

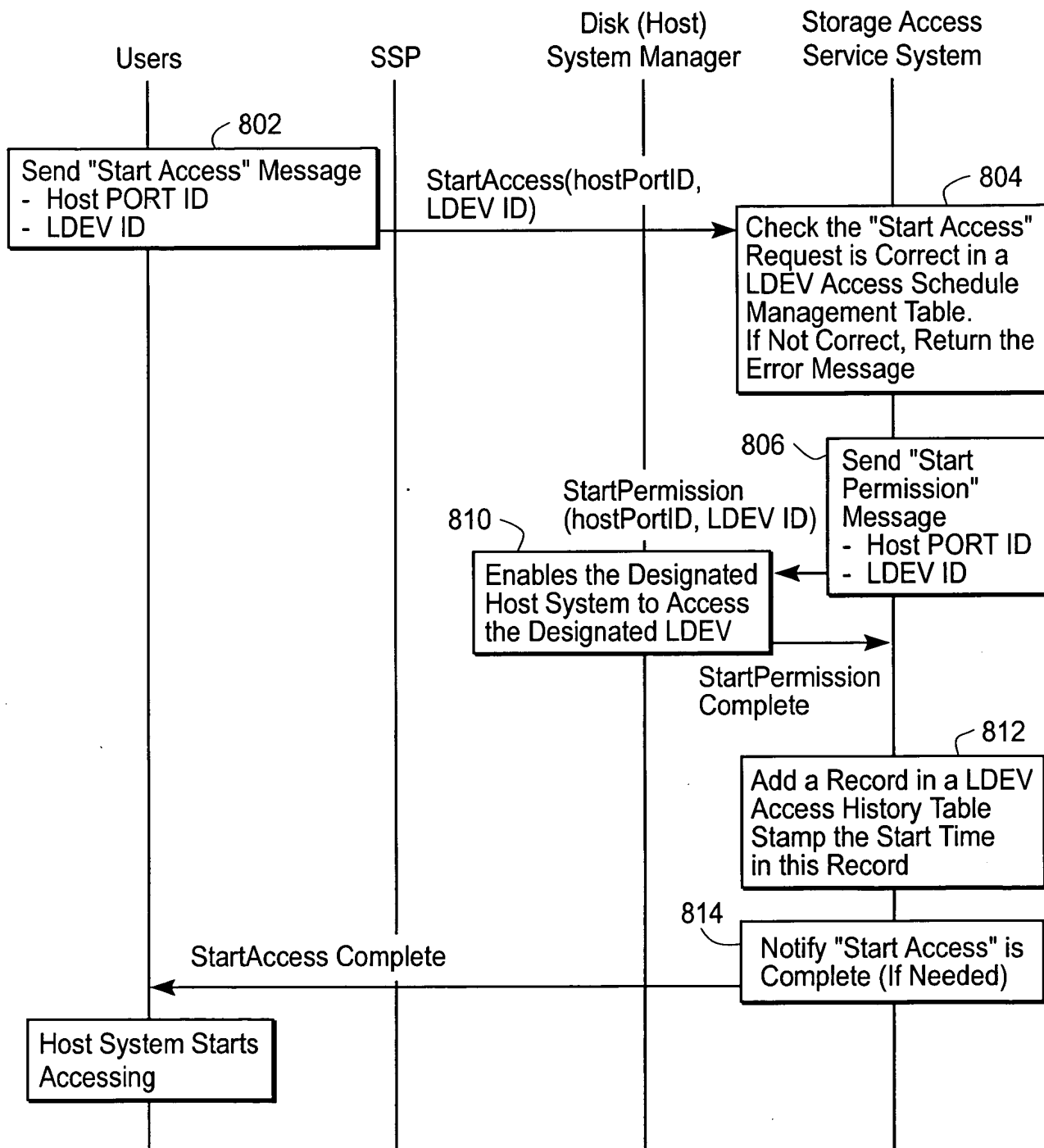
FIG. 6



"End Service" Procedure

FIG. 7

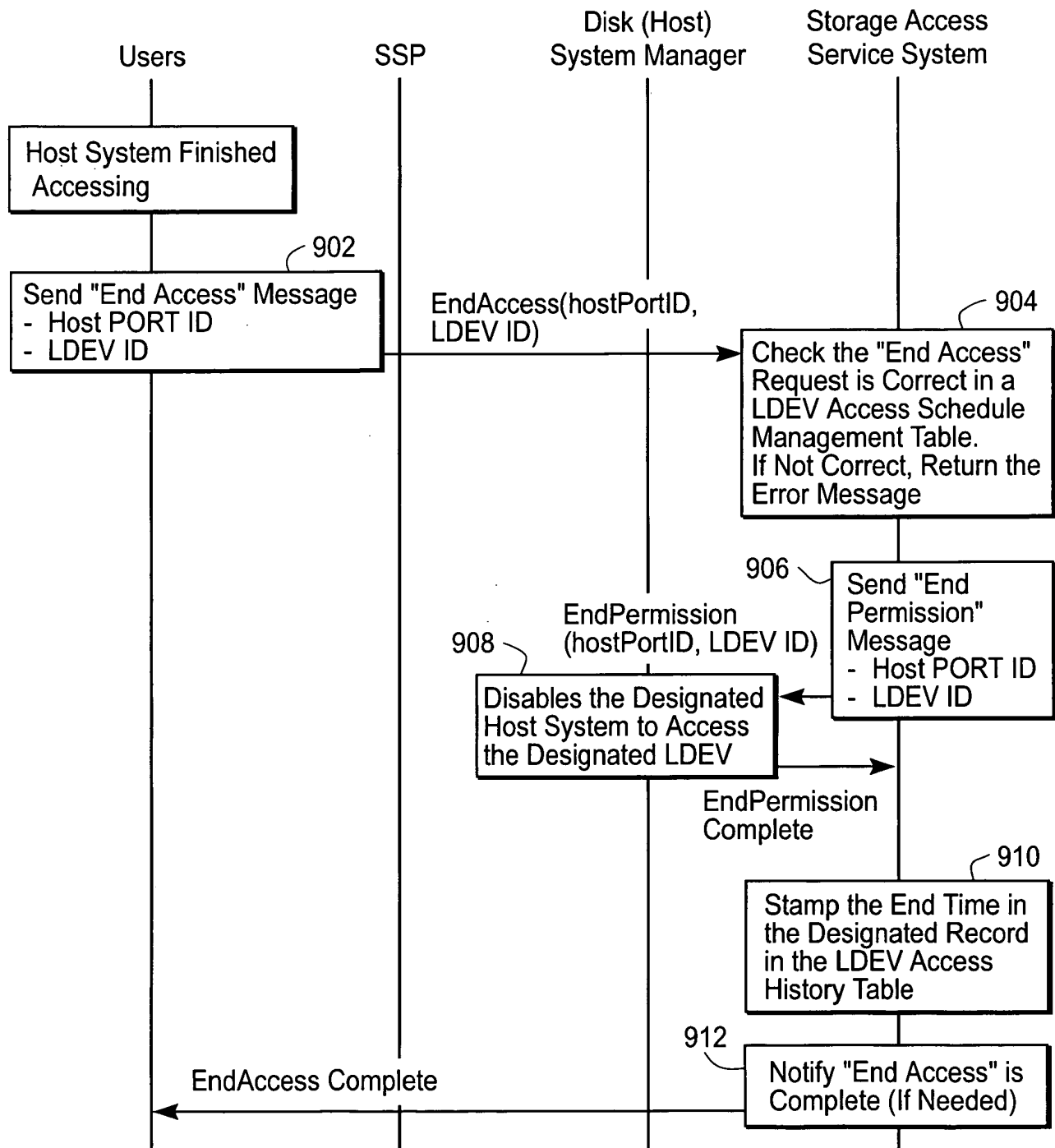
09814423-062501



"Start Access" Procedure

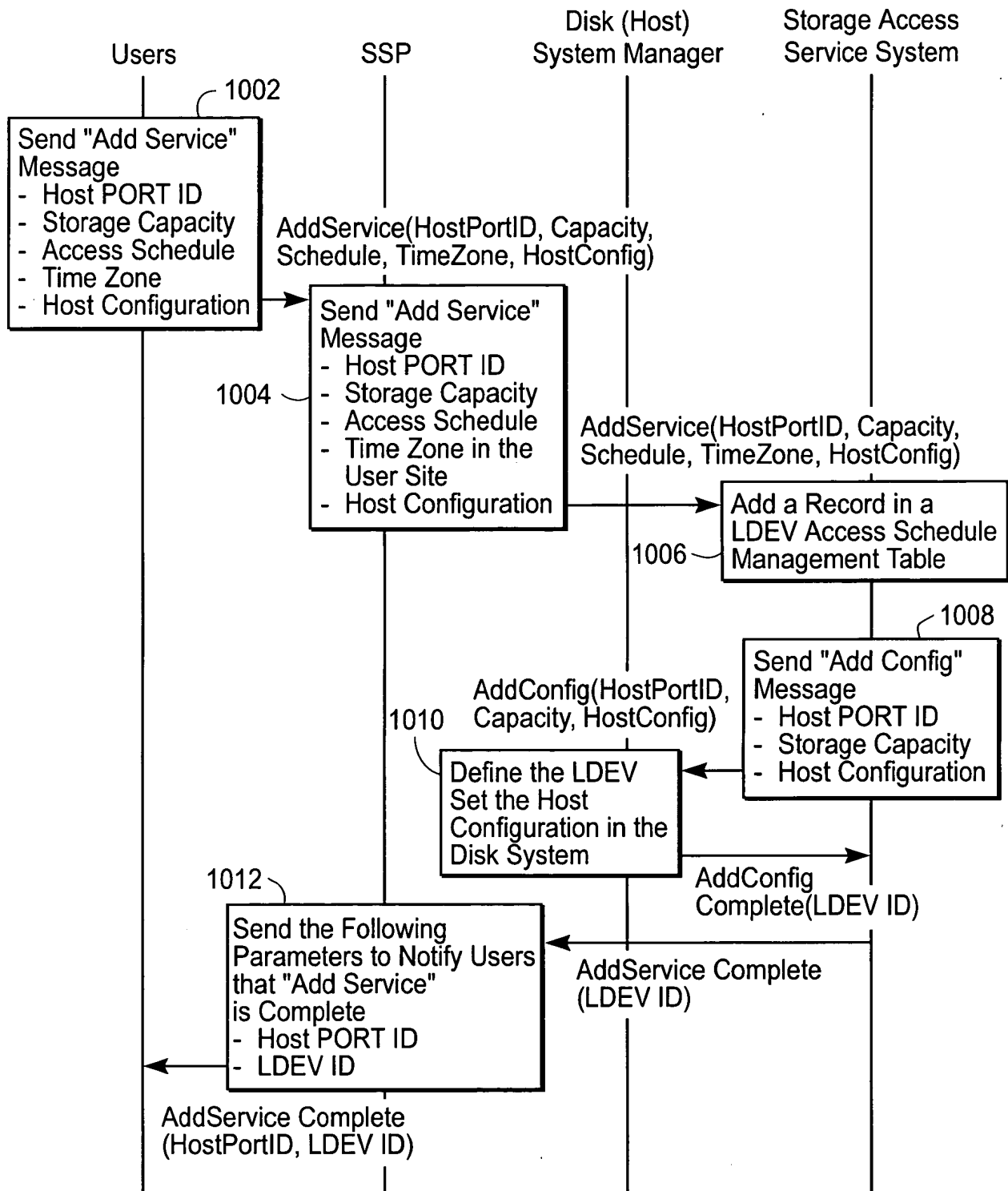
FIG. 8

09814423-062501



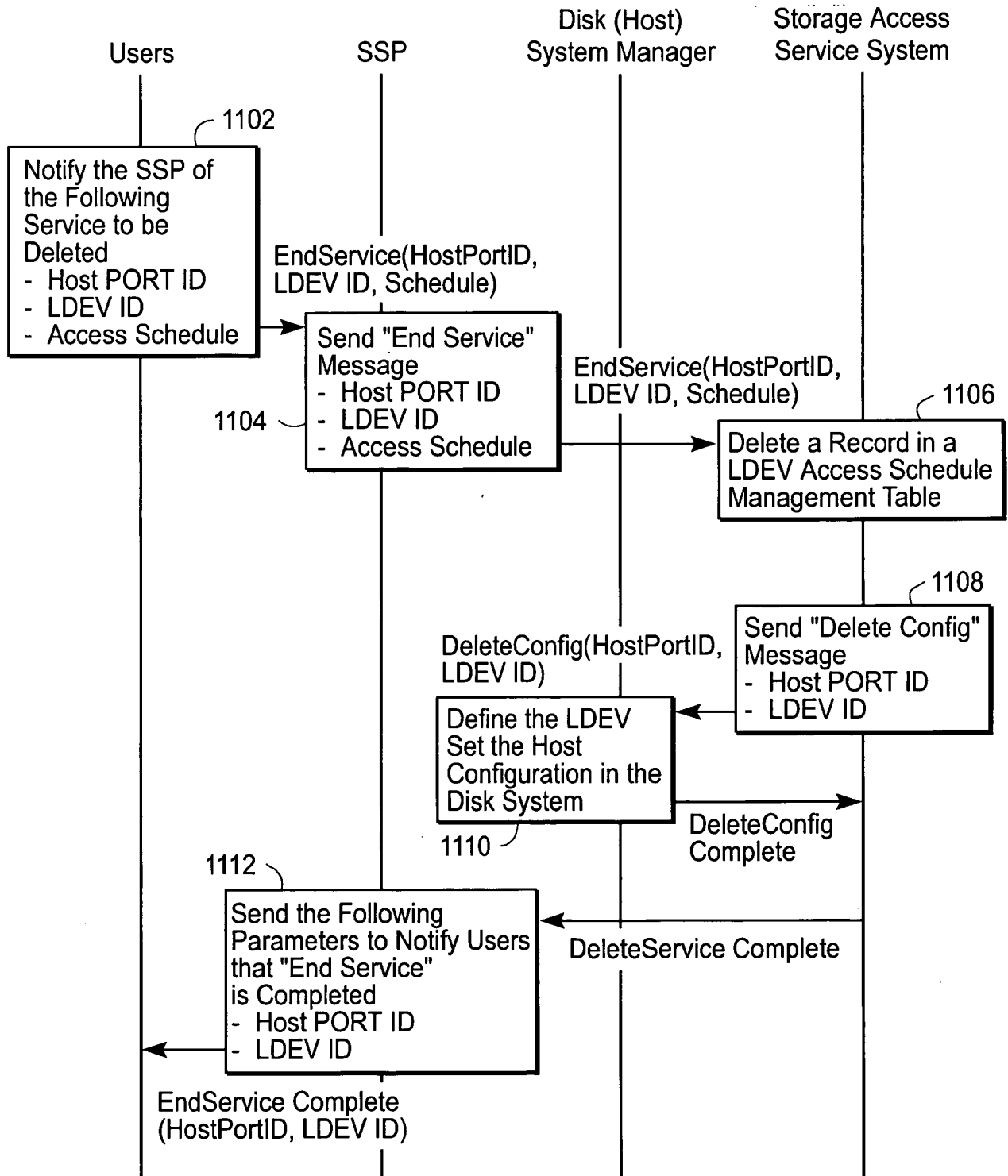
"End Access" Procedure

FIG. 9



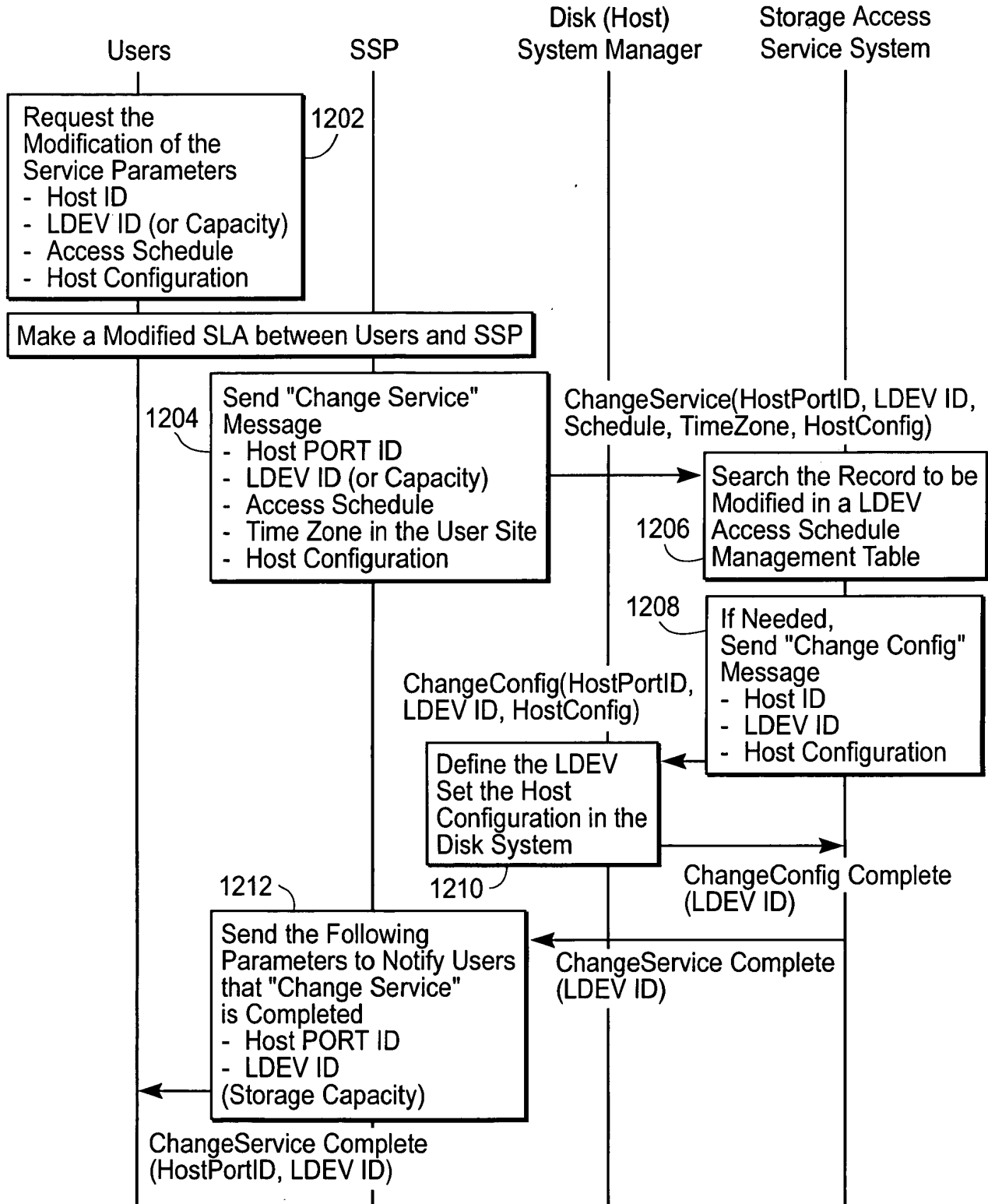
"Add Service" Procedure

FIG. 10



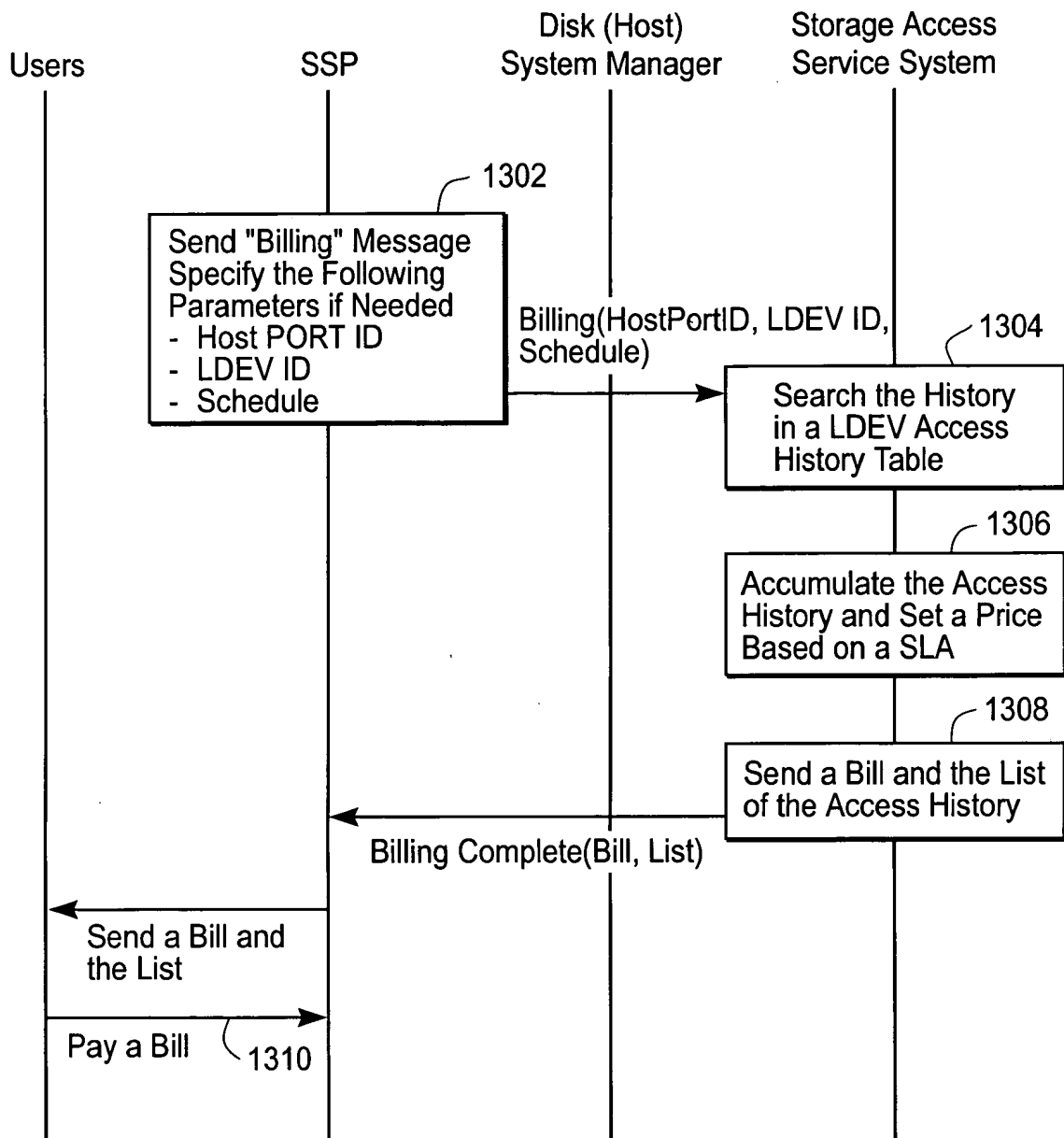
"Delete Service" Procedure

FIG. 11



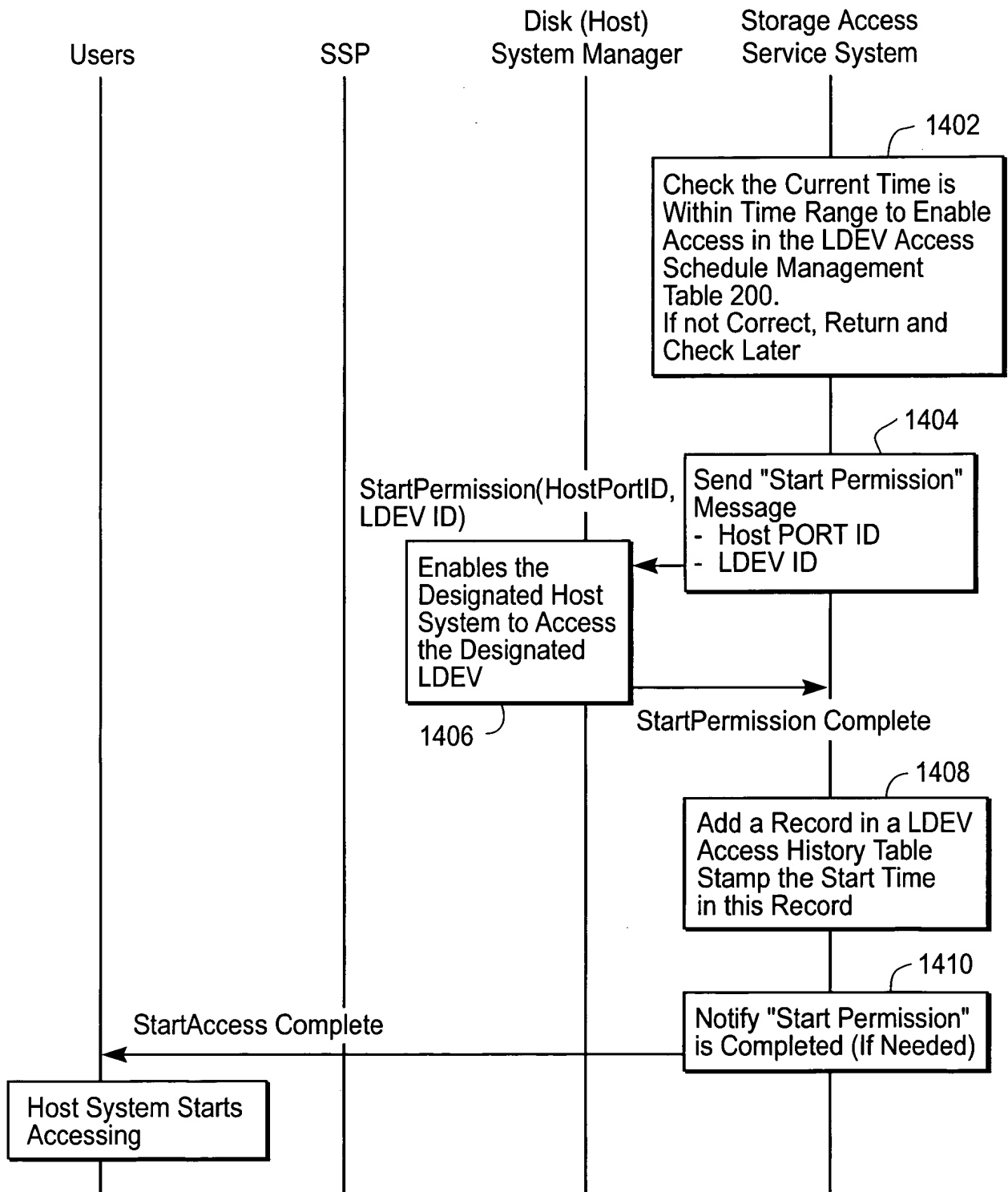
"Change Service" Procedure

FIG. 12



"Billing" Procedure

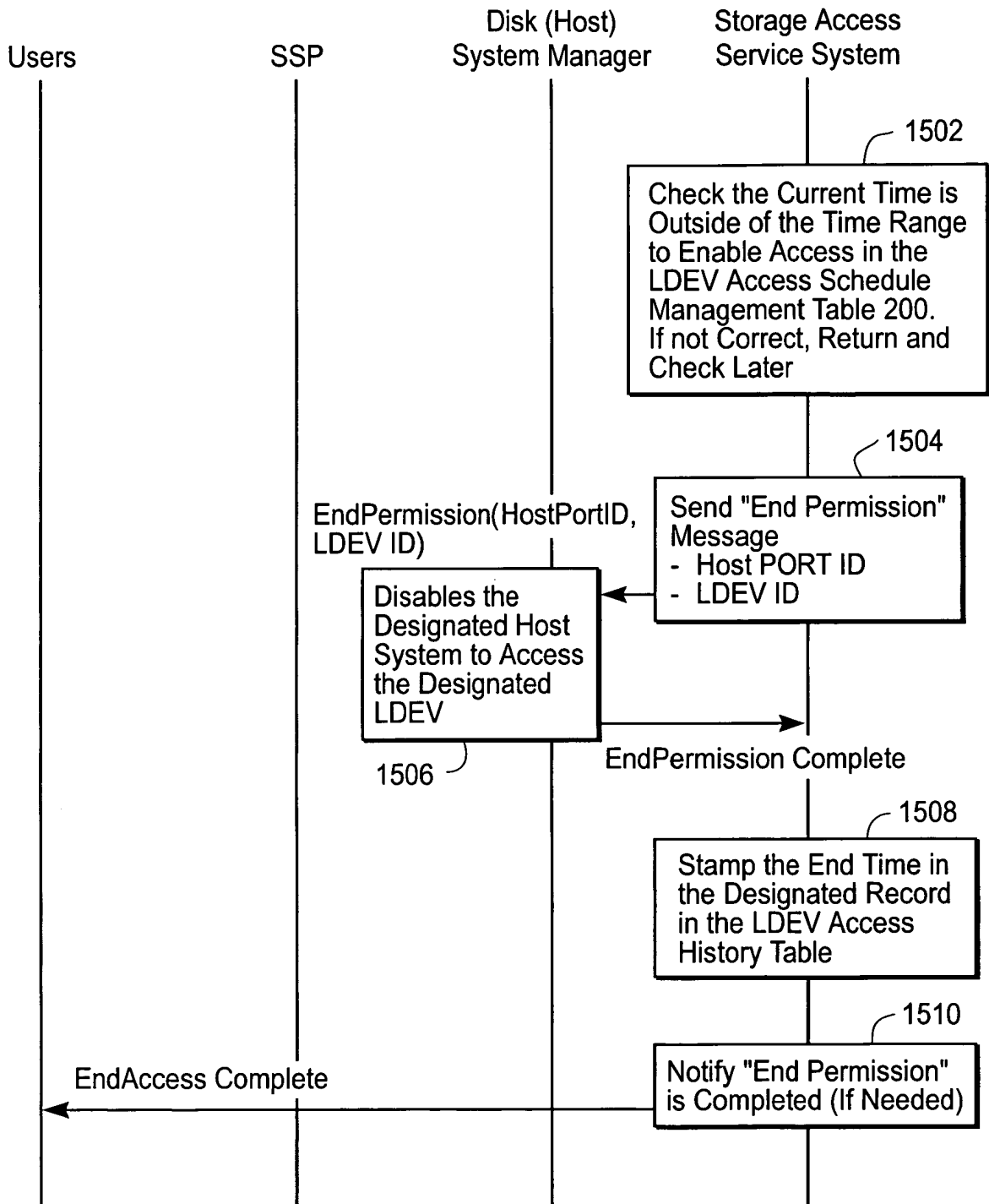
FIG. 13



"Start Permission" Procedure

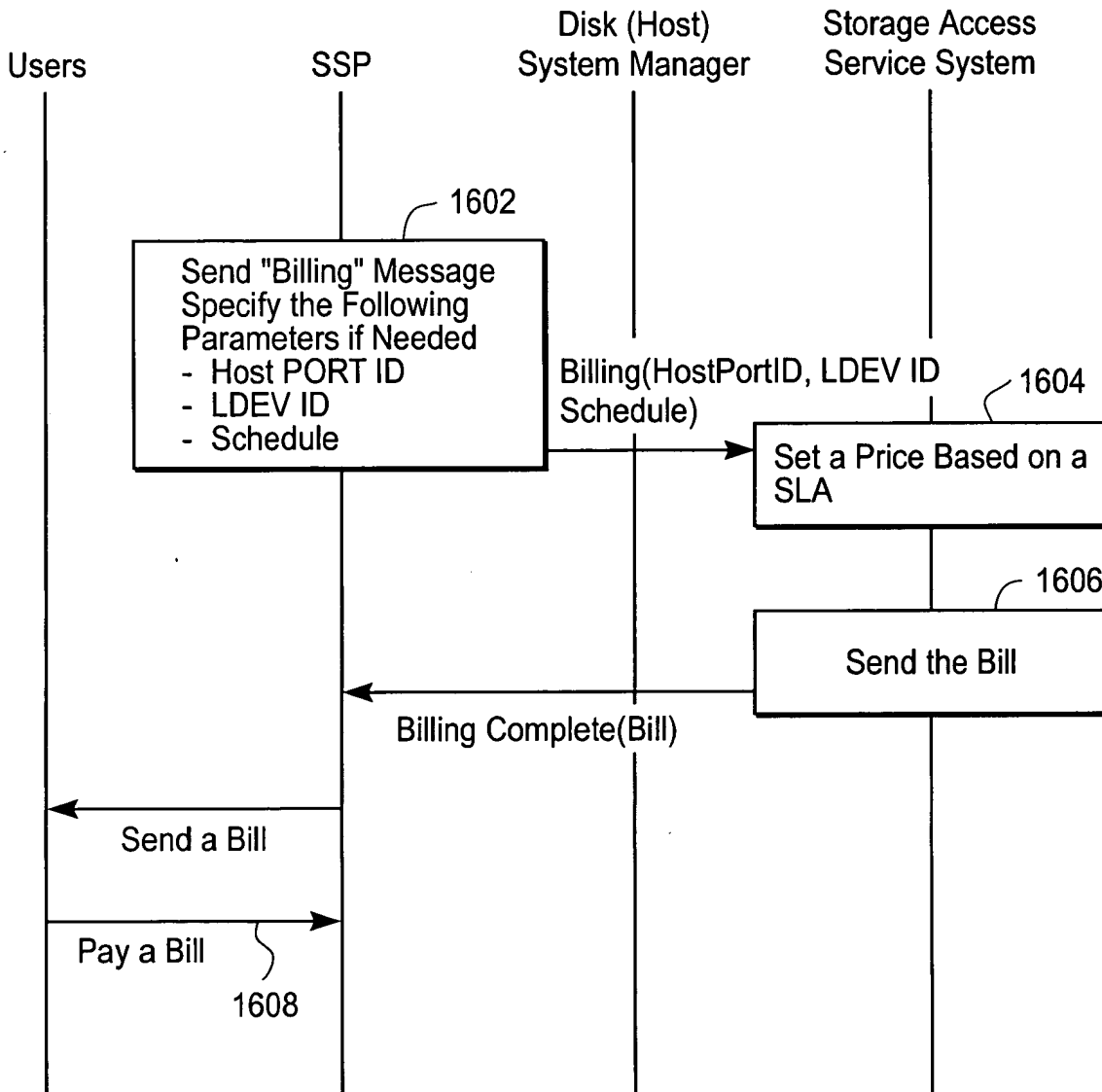
FIG. 14

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"End Permission" Procedure

FIG. 15



"Fixed Billing" Procedure

FIG. 16